Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute of form 1449/PTO				Complete if Known		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application Number	Unknown	
				Filing Date	June 20, 2003	
THE PERSONAL				First Name Inventor	David P. Adams	
				Group Art Unit	Unassigned	
(use as many sheets as necessary)			)	Examiner Name	Unknown	
Sheet	ı	of	1	Attorney Docket Number	010398-9060-02	

	U.S	. PATENT DOCUMENTS		
xaminer Initials	U.S. Patent Document Number	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document	
රාග	2,635,234	Reed	4/21/1953	
(M) (M)	3,347,439	Doherty	10/17/1967	
GW	3,958,738	Tremblay	5/25/1976	
Sim	5,076,483	Olesen	12/31/1991	

FOREIGN PATENT DOCUMENTS							
aminer nitials		Country Code	Foreign Patent Document Number	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document	Translation	English Abstract
	-			· · ·	/		
			· · · · · · · · · · · · ·				
	1.			<del></del>			
	:			· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·		
÷	<u> </u>				<del> </del>		-

aminer gnature	TWI	Date Considered	12/201	04

CAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if t in conformance and not considered. Include copy of this form with next communication to applicant.

rden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the ividual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information ficer. Patent and Trademark Office, Washington, DC 0231.

) NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box xxandria, VA 22313-1450.